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| 1. The student wants to read a book of 206 pages. How many pages should he read per day to finish the book in a week?  ​   |  |  |  | | --- | --- | --- | |  | a. | 28 | |  | b. | 29 | |  | c. | 30 | |  | d. | 31 |  |  |  | | --- | --- | | *ANSWER:* | c | |

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| 2. One kilogram of cookies contains about 20 units. The energy value of cookies is 175 calories per 100 grams. How many calories does one cookie have?     |  |  |  | | --- | --- | --- | |  | a. | 85 | |  | b. | 90 | |  | c. | 95 | |  | d. | 100 |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 3. The parking accommodates 130,000 cars. What area does it occupy if one car occupies about 7 square meters?     |  |  |  | | --- | --- | --- | |  | a. | 1 square mile | |  | b. | 1 square kilometer | |  | c. | 13,000,000,000 square feet | |  | d. | 13,000,000 square kilometers |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 4. Sam, John, and Peter want to rent a house at the seaside for 2 weeks. They chose a house that costs $10 per day. How much will each of the friends pay?     |  |  |  | | --- | --- | --- | |  | a. | About $40. | |  | b. | About $50. | |  | c. | About $60. | |  | d. | About $70. |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 5. The farmer harvested 77 baskets of oranges. What approximate number of oranges does he have if the smallest amount in one basket is 130 oranges and the largest is 145 oranges?     |  |  |  | | --- | --- | --- | |  | a. | 5,000 | |  | b. | 10,000 | |  | c. | 15,000 | |  | d. | 20,000 |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 6. How many boxes of pizza does the courier carry over a year if he works three days a week and carries from 11 to 20 boxes per day?     |  |  |  | | --- | --- | --- | |  | a. | 2,000 | |  | b. | 2,500 | |  | c. | 3,000 | |  | d. | 3,500 |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 7. What number is not expressed in scientific notation?     |  |  |  | | --- | --- | --- | |  | a. |  | |  | b. |  | |  | c. |  | |  | d. | All numbers are in scientific notation. |  |  |  | | --- | --- | | *ANSWER:* | d | |

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| 8. Which of the equalities is incorrect?     |  |  |  | | --- | --- | --- | |  | a. |  | |  | b. |  | |  | c. |  | |  | d. | All equalities are correct. |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 9. Change the number from scientific notation to standard form.     |  |  |  | | --- | --- | --- | |  | a. | 0.00458 | |  | b. | 0.458 | |  | c. | 458 | |  | d. | 4580 |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 10. Write the number 76,000,000 in scientific notation.     |  |  |  | | --- | --- | --- | |  | a. |  | |  | b. |  | |  | c. |  | |  | d. |  |  |  |  | | --- | --- | | *ANSWER:* | c | |

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| 11. Write the number 0.000000046 in scientific notation.     |  |  |  | | --- | --- | --- | |  | a. |  | |  | b. |  | |  | c. |  | |  | d. |  |  |  |  | | --- | --- | | *ANSWER:* | d | |

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| 12. The bar graph shows the results of a bowling game for four players. Which player is the best?  ​  ​   |  |  |  | | --- | --- | --- | |  | a. | Player 1 | |  | b. | Player 2 | |  | c. | Player 3 | |  | d. | Player 4 |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 13. Look at the pie chart and determine which of the film genres is the least popular?  ​  ​   |  |  |  | | --- | --- | --- | |  | a. | Comedy | |  | b. | Fiction | |  | c. | Horror | |  | d. | Drama |  |  |  | | --- | --- | | *ANSWER:* | d | |

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| 14. The line graph shows a number of clients of a company at the beginning of each year from 2011 to 2015. Which year was the growth of clients the largest?    ​   |  |  |  | | --- | --- | --- | |  | a. | 2011 | |  | b. | 2012 | |  | c. | 2013 | |  | d. | 2014 |  |  |  | | --- | --- | | *ANSWER:* | c | |

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| 15. The pie chart shows clothes sales of an online store. Which of the following statements is correct?    ​   |  |  |  | | --- | --- | --- | |  | a. | Trouser sales are the largest. | |  | b. | Dress and skirt sales are about the same. | |  | c. | Accessory sales are the smallest. | |  | d. | All statements are correct. |  |  |  | | --- | --- | | *ANSWER:* | d | |